

WHAT IS CLAIMED IS:

1. A picture convert apparatus comprising:

a first element which inputs a first picture data and produces a second picture data consisting of a first black area, a second black area and an area consisting of the reduced number of lines of said first picture;

a second element which enlarges said second picture;

and

a third element which display said enlarged picture.

2. The picture convert apparatus as claimed in claim 1, wherein said first element reduces the line number of said first picture data to a half.

3. The picture convert apparatus as claimed in claim 1, wherein said first element picks every other lines of the lines of said first picture.

4. The picture convert apparatus as claimed in claim 1, wherein said second element enlarges said second picture so that the size of said second picture becomes the same size as the size of said first picture data

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5. ~~The picture convert apparatus as claimed in claim 1,
wherein said first picture data has a aspect ratio 16:9 and
said second picture data has a aspect ratio 4:3.~~

6. The picture convert apparatus as claimed in claim 1,
wherein said first element produces said second picture data
by using one field out of two of said first picture data when
said first picture data is compressed by a MPEG2 format.

7. The picture convert apparatus as claimed in claim 1,
wherein said first element produces said second picture data
by using one field out of two of said first picture data when
said first picture data is an interlace scanning format.

8. ~~A picture convert apparatus comprising:~~
a first element which produces a first black area;
a second element which reduces the line number of a
picture data to a predetermined line number;

5 a third element which produces a second black area;
a fourth element which forms said first black area,
said reduced numbers of lines and said second black area to
a frame;

10 a fifth element which enlarge said frame; and
~~a sixth element which display said enlarged frame.~~

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9. The picture convert apparatus as claimed in claim 8,
wherein said second element reduces said line number of said
picture data to a half.

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10. The picture convert apparatus as claimed in claim 8,
wherein said second element picks every other lines of the
lines of said picture data.

11. The picture convert apparatus as claimed in claim 8,
wherein said second element enlarges said frame so that the
size of said frame becomes the same size as the size of said
picture data.

12. The picture convert apparatus as claimed in claim 8,
wherein said first and third element produces said first and
second black area, respectively, when the present frame is
a start frame.

13. The picture convert apparatus as claimed in claim 12,
further comprising a seventh element which determines
whether or not the present frame is a start frame.

14. The picture convert apparatus as claimed in claim 8,
wherein said fourth element forms said frame by using said
reduced numbers of lines of each picture data and said first
and second black area of a start frame unless the present
frame is said start frame.

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15. ~~A method for converting a first picture data to a second picture data, comprising:~~
- producing a first black area;
- reducing the line number of said first picture data
- 5 to a predetermined line number;
- producing a second black area;
- forming said first black area, said reduced numbers of lines and said second black area to a frame;
- enlarging said frame; and
- 10 ~~displaying said enlarged frame on a display.~~

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16. The method as claimed in claim 15, wherein said line number of said first picture data is reduced to a half during said reducing step.

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17. ~~The method as claimed in claim 15, wherein every other lines of said first picture is picked from the lines of said first picture during said reducing step.~~

18. The method as claimed in claim 15, wherein said first and second black area is produced when the present frame is a start frame.

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19. ~~The picture convert apparatus as claimed in claim 15, wherein said first picture data has a aspect ratio 16:9 and said second picture data has a aspect ratio 4:3.~~